

- The Eye Exam
- Seeing clearly is just one part of your overall eye health exam. Our technical staff will screen for changes in glasses and/or contact lens power prior to seeing the doctor. The complete examination will screen for eyelid and ocular surface growths, corneal problems, glaucoma and macular degeneration among a number of ocular conditions that do not cause visual changes.
- Eye Diseases and Emergencies
- Patients with urgent eye problems will be seen immediately. Severe pain and complete loss of vision are among a small number of conditions that require urgent attention. Our practice is a tertiary care center that receives referrals for severe corneal infections and penetrating eye injuries that may require our doctors to see certain patients in the middle of a busy clinic. We will always defer to scheduled patients except in absolute emergencies.
- Dry Eye Treatment
- Dry eyes result from a chronic lack of lubrication and moisture on the surface of the eyes. Patients with dry eye symptoms will have a comprehensive review of medications and history, followed by careful evaluation of the tear film quality and quantity. Treatments are tailored toward restoring the specific components of the tear surface that are deficient.
- Ocular Allergies
- Ocular allergies affect as many as 35 Million Americans. Particularly in the middle Tennessee area, allergies can be a major cause of ocular discomfort and reduced vision. Cornea Consultants offer allergy testing to assess specific allergies and direct therapy to alleviate symptoms.
- Retinal Exam
- Patients with diabetes and patients over 65 are at risk for developing retinal disease (diabetic retinopathy and macular degeneration) that in the early stages would not affect vision. A careful retinal examination allows our doctors to refer to a retinal specialist as needed. Careful screening of patients with floaters and flashes is important as well to rule out retinal tears and detachments. Benign retinal lesions (moles) can be identified and followed in patients who present for a comprehensive examination for

glasses and contact lenses.

CORNEA is what we do. We diagnose and treat corneal diseases from infections to dystrophies to injuries. Cornea Consultants is the premiere cornea practice in Middle Tennessee, offering all types of corneal transplantation, advanced contact lens fitting, and medical therapies for infections and corneal surface abnormalities. We have all the advanced testing necessary to diagnose and treat any corneal condition. We perform penetrating keratoplasty (PKP), endothelial keratoplasty(DSAEK), deep lamellar keratoplasty(DALK), ocular surface reconstruction with amniotic membrane, and pterygium removal with reconstruction. In the office we treat severe corneal infections and remove corneal scars to smooth the corneal surface. With the excimer laser we can smooth corneas as well as correct vision with LASIK and PRK. Our experience with the cornea is unrivaled.

- ***Cataracts are a core part of the daily experience at Cornea Consultants. We offer suture-less cataract surgery under topical anesthesia to give the fastest and most accurate visual recovery for patients undergoing cataract surgery. Our surgeons have access to advanced diagnostic and measuring technology and offer the latest lens implant options for distance, near, mono and multifocal vision options (Alcon Restor and Toric, AMO Tecnis Multifocal and Toric). With the addition of Dr. Ewald, we now offer laser-assisted cataract extraction to those seeking that technology. We use advanced mathematical formulas and testing modalities to increase the accuracy of final results, even after previous corneal refractive procedures like RK, PRK and LASIK.***
- Ocular Nutrition
- The right balance of food, vitamins, nutrients, and supplements are needed for our ocular health. Cornea Consultants offer the latest nutritional offerings to treat a variety of ocular conditions including dry eye, ocular allergy and macular degeneration.
- The most detailed information about the cornea...Cornea Consultants evaluate the cornea with a variety of

technologies, looking at structure, function and infiltrations. 3-dimensional corneal imaging is performed with Zeiss Omni and OrbscanII corneal scanners. TMS-4 and Atlas topographers map the anterior corneal surface. Visante OCT and Cirrus-HD OCT allow for detailed imaging of the cornea and the anterior chamber. Nidek Confoscan-4 scanning allows for detailed high magnification analysis of potential corneal infections with fungi and parasites.

- Visual Fields Testing
- Visual fields testing is extremely important in glaucoma and other ocular and systemic conditions. Cornea Consultants offers a range of field analyses using Zeiss-Humphrey Field Analyzers.
- Lasik Surgery
- If you are ready for an alternative to glasses or contacts, LASIK may be right for you. Because Cornea Consultants are experts regarding the cornea and offer advanced contact lens and spectacle services, we are in a unique position to offer the safest and most honest assessment of candidates for laser vision correction. We recognize and appreciate the advantages and disadvantages of all forms of visual correction and will guide candidates for surgery to the most appropriate approach for them without bias toward a particular technology. Recognition of minor dry-eye syndromes and high-risk corneal anatomy is essential to success with LASIK and PRK, and Cornea Consultants have the most experience in the market to recognize these issues. We also are a referral center for complications following refractive surgery, making us intimately familiar with techniques to solve minor and major complications following laser vision correction.
- Contact Lens Services
- A wide range of Contact Lenses to fit your need, Cornea Consultants offers the greatest range of solutions to vision and comfort in the market. With over 30 years of experience, Jerry Knoch can fit unusual corneas with custom rigid lenses for keratoconus, post-RK and post-keratoplasty eyes. Scleral lenses for dry eye patients and advanced ocular surface disease are also available. Hybrid soft/hard lenses can bridge the divide between good vision and comfort. On the more common front, soft lenses of all

types are available including: daily disposables, toric for astigmatism and multifocal for distance/near vision. Careful examination and discussion of visual goals are the hallmarks of our approach to each patient considering contact lenses for their vision correction.

- CareCredit

As a service to our patients, we are pleased to offer the CareCredit card, the nation's leading patient payment program. For larger purchases such as LASIK, premium lens implants and advanced technology contact lenses; this financial option allows us to offer high technology to a wider range of patients.